



Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

ATTY DOCKET NO.
1752-0151PAPPLICATION NO.
09/983,887APPLICANT
Akio INOUE et al.FILING DATE
October 23, 2001GROUP
1614

TECHNICAL CENTER 1600/2800

APR 25 2002

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
Gmm	5,478,730	1995-12-26	ALAKHOV et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
Gmm	WO 90/05785A1	1990-05-31	WO				
	WO 91/05058A1	1991-04-18	WO				
	JP7-110236B2	1995-11-29	JAPAN			Partial	
	JP4-200390A	1992-07-21	JAPAN			Partial	

1752-0151P

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OTHER DOCUMENTS

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

Gmm	Lutz JERMUTUS et al., Current Opinion in Biotechnology, Vol. 9, (1998), pp.534-548.
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EXAMINER

Aune M. Mayer

DATE CONSIDERED

5/3/2005

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449		ATTY DOCKET NO. 1752-0151P		APPLICATION NO. 09/983,000	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		APPLICANT Akio INOUE et al.		FILING DATE October 23, 2001	
		GROUP 1614		TECH CENTER 1500/1900	
U.S. PATENT DOCUMENTS					
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↑	Deborah A. STEEGE, RNA (2000), Vol. 6, pp.1079-1090.				
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EXAMINER <i>Suzanne M. Mayer</i>			DATE CONSIDERED <i>5/3/2005</i>		
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↑	Kathy BOON et al., Eur. J. Biochem., Vol. 210, (1992), pp.177-183.				
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Smw	Marina V. RODNINA et al., FEMS Microbiology Reviews, Vol. 23, (1999), pp.317-333.				
EXAMINER <i>Luisa M. Mayer</i>			DATE CONSIDERED <i>5/3/2005</i>		
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Suzanne M. Mayer		5/3/2005			
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↑	David C. KASLOW et al., Bio/Technology, Vol. 12, (May 1994), pp.494-499.				
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EXAMINER	<i>Suzanne M. Mayer</i> EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			DATE CONSIDERED 5/3/2005	

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↑	Torbjorn GRASLUND et al., Protein Expression and Purification, Vol. 9, (1997), pp.125-132.				
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EXAMINER	<i>Laurie M. Mayer</i>			DATE CONSIDERED 5/3/2005	
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↑	Jie LU et al., The International Journal of Biochemistry & Cell Biology, Vol. 31, (1999), pp.215-229.
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EXAMINER

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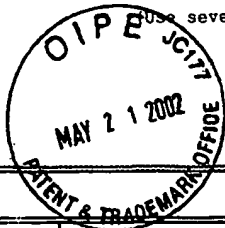
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U.S. PATENT DOCUMENTS

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Emu	4 6 8 3 1 9 5	07/28/1987	Mullis et al.			
Emu	4 7 1 0 4 6 4	12/01/1987	Belagaje et al.			

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION
						YES NO
Emu	GB 21 83 6 6 1 A	06/10/1987	United Kingdom (abstract only)			
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✓	✓ Schimmel et al., <i>Ann. Rev. Biochem.</i> , Vol. 48, pp.601-648 (1979)

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<i>Smn</i>	Murgola, <i>Ann. Rev. Genet.</i> , Vol. 19, pp.57-80 (1985)
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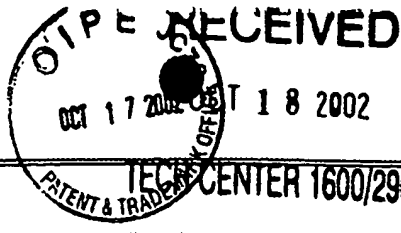
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Sheet 1 of 9 (10/15/02)

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✓	Sharon MCGONIGLE et al., <i>Biochemistry</i> , Vol. 41, (2002), pp.579-587.					
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✓	Wei LI et al., <i>The Journal of Biological Chemistry</i> , Vol. 276, No. 31, (August 3, 2001), pp.29111-29115.					
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	APPLICANT Akio INOUE et al.	
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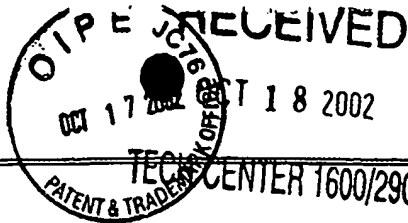
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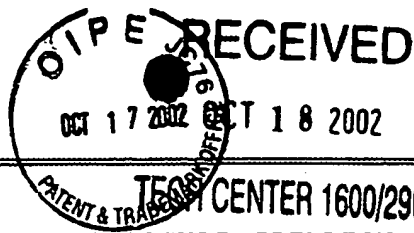
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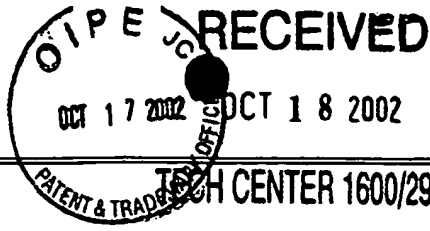
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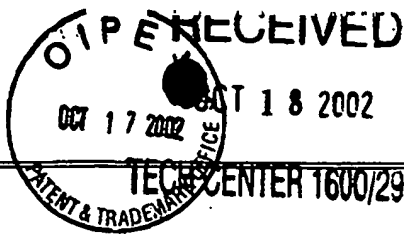
Sheet 5 of 9 (10/15/02)

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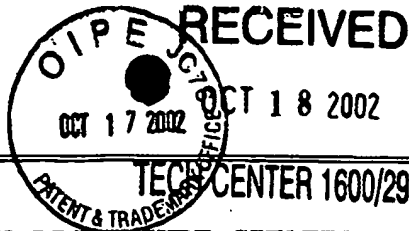
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Smu	DARDEL, F. et al., "E. coli metG gene coding for methionyl-tRNA synthetase, complete cds." GenBank Accession No. K02671, (January 3, 2001).

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Form PTO-1449

**INFORMATION DISCLOSURE CITATION
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(Use several sheets if necessary)

ATTY DOCKET NO.
1752-0151PAPPLICATION NO.
09/983,067APPLICANT
Akio INOUE et al.FILING DATE
October 23, 2001GROUP
1614

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
					YES	NO

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↑	MECHULAM, Y. et al., "E. coli thrS, infC, rplT, pheS, pheT and himA genes encoding threonyl-tRNA synthetase, initiation factor IF3, ribosomal protein L20, phenylalanyl-tRNA synthetase and the alpha-subunit of the host integration factor." GenBank Accession No. V00291, (November 30, 1997).
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Suare M. Mayer

DATE CONSIDERED

5/2/2005

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INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		APPLICANT Akio INOUE et al.			
		FILING DATE October 23, 2001		GROUP 1614	
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↑	ZENDEL, J.M., "E. coli fus gene encoding elongation factor G." GenBank Accession No. X00415, (August 9, 1994).				
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INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	APPLICANT INOUE, Akio et al.	
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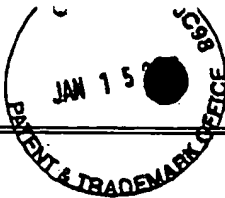
↑	Gonin, P. et al., Biochemistry, Vol. 38, pp. 7265-7272 (1999)	✓
	Ogura, Y. et al., Eur. J. Biochem., Vol. 266, pp. 709-714 (1999)	✓
	Barthel, T. et al., The Journal of Biochemical Chemistry, Vol. 274(51), pp. 36670-36678 (1999)	✓
	Klinker, J.F. et al., Eur. J. Biochem., Vol. 261, pp. 72-80(1999)	✓
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EXAMINER <i>Luzanne M. Mayer</i>	DATE CONSIDERED <i>5/2/2005</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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	APPLICANT INOUE, Akio et al.	
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FOREIGN PATENT DOCUMENTS

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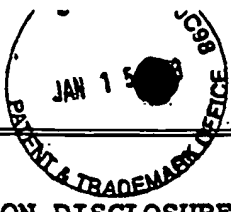
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EXAMINER <i>Suzanne M. Mayer</i>	DATE CONSIDERED 5/2/2005
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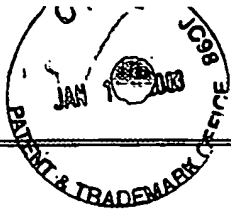


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	Fenno, J. C. et al., Journal of Bacteriology, Vol. 178, No. 9, pp. 2489-2497 (1996) ✓				
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	Reddi, P. P. et al., GENE, Vol. 147, pp. 189-195 (1994) ✓				
	Feldmann, H. et al., Virus Research, Vol. 30, pp. 351-367 (1993) ✓				
	Kigawa, T. et al., FEBS Letters, Vol. 442, pp. 15-19 (1999) ✓				
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								YES	NO
* Smu	WO	98/21353	A1	1998-05-22	PCT				

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EXAMINER Susan M. Mayer	DATE CONSIDERED 5/2/2005
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Susan M. Mayer

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Lucare m. Mayer	5/3/2005					
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	APPLICANT Akio INOUE et al.	
	FILING DATE October 23, 2001	GROUP 1614

U.S. PATENT DOCUMENTS

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Sm	Brian BURKE et al., <i>Biochemistry</i> , Vol. 39, (2000), pp.15540-15547.
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Smu	Nathalie GRIFFON et al., <i>The EMBO Journal</i> , Vol. 18, No. 17, (1999), pp.4711-4721.
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EXAMINER Suzanne M. Mayer	DATE CONSIDERED 5/3/2005

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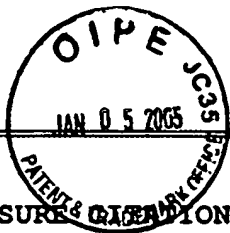
<i>Sum</i>	George SIMOS et al., <i>The EMBO Journal</i> , Vol. 15, No. 19, (1996), pp.5437-5448.
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1653**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US 60/264,147		2001-01-25	Forster et al.			
	US						
	US						
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	WO	02/059293	A2	2002-08-01	PCT				

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Smu	Yu PAVLOV et al.; J. Mol. Biol.; Vol. 273; 1997; pages 389-401.
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